

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/005288

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01J37/317 H01J37/30 H01J37/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 261 016 A (EBARA CORP ;NIPPON KOGAKU KK (JP)) 27 November 2002 (2002-11-27)	1,20
Y	paragraphs '0058!', '0087!', '0142!', '0190!', '0227!', '0228!; claim 26; figures 8,11,24,53	7-9
A	----- US 6 476 390 B1 (UMEMURA KAORU ET AL) 5 November 2002 (2002-11-05) column 6, line 46 - column 7, line 11; figure 1	1,20
A	----- US 6 023 060 A (KIM HO-SEOB ET AL) 8 February 2000 (2000-02-08) column 2, lines 1-17; figures 1-4	5,19
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

30 December 2004

Date of mailing of the international search report

01/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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Y	US 4 939 373 A (ELLISTON THOMAS V ET AL) 3 July 1990 (1990-07-03) column 4, line 16 - column 5, line 51; figure 1 -----	7-9
A	US 6 369 385 B1 (KIM HO-SEOB ET AL) 9 April 2002 (2002-04-09) -----	

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